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COMMUNICABLE DISEASE CENTER

# Morbidity and Mortality

Vol. 15, No. 4

WEEKLY REPORT

Week Ending January 29, 1966

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE PUBLIC HEALTH SERVICE

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## CURRENT TRENDS

### MALARIA IN THE UNITED STATES, 1965

Through January 15, 1966, a total of 106 case-reports of malaria diagnosed in the United States during 1965 had been received by the Parasitic Disease Unit of the Communicable Disease Center. The distribution by species of parasite in 99 instances is shown in Table 1; the age and sex distribution is listed in Table 2.

All cases were imported with the exception of two civilian cases, one cryptic and one introduced, both of which were caused by *Plasmodium vivax*. Civilians accounted for 55 cases, of which 10 were Peace Corps workers and 2 were merchant seamen. Of the 51 cases occurring in military personnel, 36 cases originated in South Viet Nam. *Plasmodium falciparum* was responsible for 24 of the 36 cases (67 percent) including 4 cases in individuals who had been discharged from the service before the malaria was diagnosed.

The increase in the proportion of military personnel among the cases reported from quarter to quarter in 1965 is shown in Table 3; this increasing percentage in

*(Continued on page 26)*

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**CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES**
**(Cumulative totals include revised and delayed reports through previous weeks)**

| DISEASE | 4th WEEK ENDED | | MEDIAN 1961–1965 | CUMULATIVE, FIRST 4 WEEKS | | |
|---|---|---|---|---|---|---|
| | JANUARY 29, 1966 | JANUARY 30, 1965 | | 1966 | 1965 | MEDIAN 1961–1965 |
| Aseptic meningitis | 22 | 27 | 26 | 108 | 131 | 105 |
| Brucellosis | 8 | 3 | 6 | 14 | 19 | 20 |
| Diphtheria | 4 | 1 | 8 | 9 | 13 | 22 |
| Encephalitis, primary: | | | | | | |
| Arthropod-borne & unspecified | 21 | 31 | - - - | 89 | 128 | - - - |
| Encephalitis, post-infectious | 12 | 17 | - - - | 50 | 51 | - - - |
| Hepatitis, serum | 24 | 851 | 1,129 | 76 | 3,103 | 4,096 |
| Hepatitis, infectious | 764 | | | 2,757 | | |
| Measles (rubeola) | 5,727 | 7,644 | 8,908 | 20,064 | 26,398 | 30,020 |
| Poliomyelitis, Total (including unspecified) | – | – | 4 | 1 | – | 15 |
| Paralytic | – | – | 4 | – | – | 13 |
| Nonparalytic | – | – | - - - | – | – | - - - |
| Meningococcal infections, Total | 74 | 58 | 52 | 294 | 253 | 205 |
| Civilian | 70 | 58 | - - - | 268 | 248 | - - - |
| Military | 4 | – | - - - | 26 | 5 | - - - |
| Rubella (German measles) | 869 | - - - | - - - | 3,019 | - - - | - - - |
| Streptococcal sore throat & Scarlet fever | 10,155 | 11,401 | 9,707 | 36,537 | 39,665 | 33,862 |
| Tetanus | 3 | 1 | - - - | 6 | 11 | - - - |
| Tularemia | 4 | 5 | - - - | 16 | 31 | - - - |
| Typhoid fever | 9 | 13 | 11 | 19 | 27 | 24 |
| Typhus, tick-borne (Rky. Mt. Spotted fever) | – | – | - - - | 7 | 3 | - - - |
| Rabies in Animals | 78 | 112 | 57 | 278 | 385 | 228 |

**NOTIFIABLE DISEASES OF LOW FREQUENCY**

| | Cum. | | Cum. |
|---|---|---|---|
| Anthrax | – | Botulism: N.Y. City - 1 | 1 |
| Leptospirosis | 1 | Trichinosis: N.Y. City - 1 | 14 |
| Malaria: N.J. - 1, Md. - 11 | 25 | Rabies in Man | – |
| Psittacosis: Mass. - 1, N.Y. Up-State - 1 | 5 | Rubella, Congenital Syndrome | 1 |
| Typhus, murine | – | | |

## CURRENT TRENDS
### MALARIA IN THE UNITED STATES, 1965
*(Continued from front page)*

Table 1

Confirmed Cases of Malaria by Species
United States, 1965*

| Species | Total | Percent |
|---|---|---|
| *P. vivax* | 57 | 57.6 |
| *P. falciparum* | 33 | 33.3 |
| *P. malariae* | 6 | 6.1 |
| *P. ovale* | 3 | 3.0 |
| Total | 99 | 100.0 |

*Reported as of January 15, 1966.

Table 2

Age and Sex Distribution of Cases of Malaria
United States, 1965*

| Age | Male | Female | Total | Percent |
|---|---|---|---|---|
| 0-9 | 2 | 4 | 6 | 5.7 |
| 10-19 | 7 | 5 | 12 | 11.3 |
| 20-29 | 55 | 4 | 59 | 55.7 |
| 30-39 | 7 | 2 | 9 | 8.5 |
| 40-49 | 6 | 1 | 7 | 6.6 |
| 50-59 | 3 | – | 3 | 2.8 |
| 60-69 | 1 | – | 1 | 0.9 |
| 70+ | – | – | – | 0.0 |
| Unknown | 9 | – | 9 | 8.5 |
| Total | 90 | 16 | 106 | 100.0 |

*Reported as of January 15, 1966.

Table 3

Distribution of Military Cases by Quarter,
1965*

| Quarter | Military Cases | Total Cases | Percent Military Cases |
|---|---|---|---|
| 1st | 4 | 18 | 22 |
| 2nd | 7 | 21 | 33 |
| 3rd | 12 | 28 | 43 |
| 4th | 22 | 30 | 73 |
| Onset date unknown | 6 | 9 | – |
| Total | 51 | 106 | 48 |

*Reported as of January 15, 1966.

military personnel is the result of returning servicemen who acquired malaria in South Viet Nam.

The four military servicemen who were recently discharged after serving in Viet Nam developed falciparum malaria after they had returned to the United States during the month of December. Three of these patients maintained that chloroquine-primaquine prophylaxis was taken regularly; information is lacking from the fourth case. Two of these four cases terminated fatally.

*(Reported by the Parasitic Disease Unit, CDC.)*

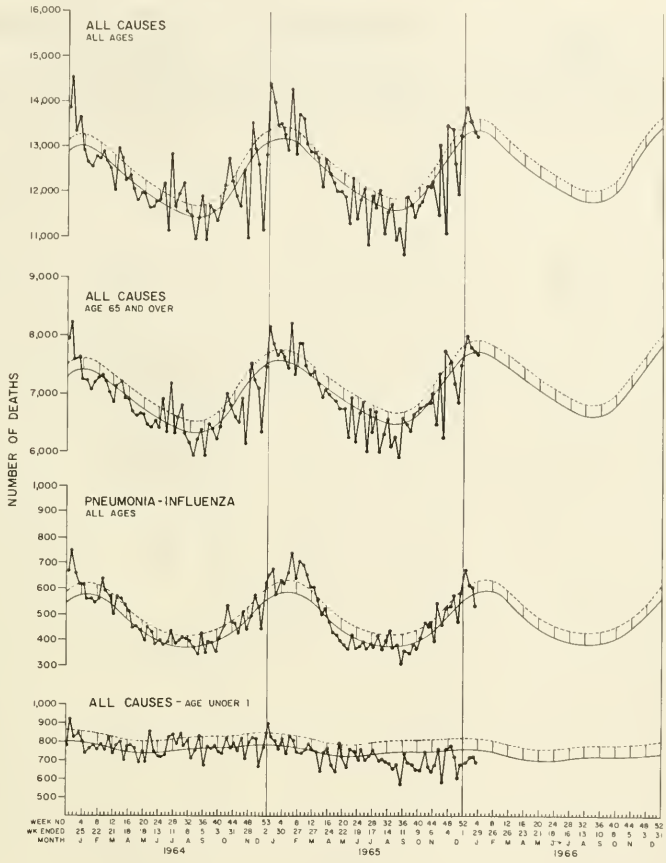
## INTERNATIONAL NOTES
### INFLUENZA – Great Britain

Outbreaks of a febrile respiratory illness in children associated with up to 50 percent school absenteeism have been recognized since mid-January in parts of Great Britain. First reported in Scotland and northern England, the illness has been uniformly mild and has subsequently appeared in scattered areas farther to the south, including London. There has been little evidence of a substantial amount of comparable illness in the adult population and no notable increase in demand for hospital services has been observed.

Influenza and influenza pneumonia mortality in England and Wales during the first 4 weeks of 1966 has shown a progressive increase to a total of 140 deaths. This is in contrast to a total of 56 deaths registered during the same 4-week period of 1965 when there was no evidence of influenza occurring in epidemic form.

Strains of type B influenza virus have been isolated from children involved in the outbreaks presently occurring in various parts of Britain. From preliminary studies these new strains appear similar to those type B strains isolated in England during 1964 and 1965. A few strains of type A2 influenza virus recovered from sporadic cases of influenza in adults this year have not shown any clear relationship to the present school-associated outbreaks.

MORTALITY IN 122 UNITED STATES CITIES




## TUBERCULOSIS MORBIDITY IN 35 COUNTRIES

Since the introduction of anti-tuberculosis drugs in the early 1950's and their subsequent widespread use in the chemotherapy of tuberculosis, there has been a dramatic decline in mortality recorded in those countries from which statistics are available. While account must be taken of variations from country to country in criteria for the reporting, registration and certification of tuberculosis, the statistics reported to national and international agencies are the only data available for the measurement of morbidity trends.

Undoubtedly there has also been a decline in morbidity from tuberculosis in many countries due to chemotherapy, to chemoprophylaxis and to the protection by other means of contacts of known open cases of the disease. The measurement of morbidity in recent years in 35 countries as represented by "new case" rates is shown in Table 4. When there is added to these totals the numbers of persons previously reported with active or latent tuberculosis who are living longer as a result of effective chemotherapy, tuberculosis manifestly continues to be a world-wide communicable disease problem of great economic importance.

*(Reported by Tuberculosis Branch, CDC.)*

*(Table 4 on page 32)*

## CASES OE SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
## FOR WEEKS ENDED
## JANUARY 29, 1966 AND JANUARY 30, 1965 (4th WEEK)

| AREA | ASEPTIC MENINGITIS | | BRUCELLOSIS | ENCEPHALITIS | | | DIPHTHERIA | | HEPATITIS | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Primary including unsp. cases | | Post-Infectious | | | Serum | Infectious | Both Types |
| | 1966 | 1965 | 1966 | 1966 | 1965 | 1966 | 1966 | 1965 | 1966 | 1966 | 1965 |
| UNITED STATES... | 22 | 27 | 8 | 21 | 31 | 12 | 4 | 1 | 24 | 764 | 851 |
| NEW ENGLAND..... | - | 1 | - | 3 | 1 | - | - | - | - | 35 | 51 |
| Maine..... | - | 1 | - | - | - | - | - | - | - | 7 | 15 |
| New Hampshire..... | - | - | - | - | - | - | - | - | - | 2 | 4 |
| Vermont..... | - | - | - | - | - | - | - | - | - | - | 8 |
| Massachusetts..... | - | - | - | 2 | 1 | - | - | - | - | 18 | 10 |
| Rhode Island..... | - | - | - | 1 | - | - | - | - | - | 4 | 6 |
| Connecticut..... | - | - | - | - | - | - | - | - | - | 4 | 8 |
| MIDDLE ATLANTIC..... | 5 | 1 | - | 9 | 15 | 2 | - | - | 9 | 155 | 187 |
| New York City..... | 1 | - | - | 3 | 2 | - | - | - | 5 | 19 | 32 |
| New York, Up-State. | 1 | - | - | 2 | 2 | - | - | - | 1 | 52 | 83 |
| New Jersey..... | 2 | - | - | 2 | 7 | - | - | - | 3 | 18 | 25 |
| Pennsylvania..... | 1 | 1 | - | 2 | 4 | 2 | - | - | - | 66 | 47 |
| EAST NORTH CENTRAL... | 3 | 6 | 1 | 3 | 4 | 2 | - | - | 3 | 155 | 178 |
| Ohio..... | 1 | 1 | - | - | 3 | - | - | - | 1 | 29 | 70 |
| Indiana..... | - | - | - | - | - | - | - | - | 1 | 19 | 21 |
| Illinois..... | - | 4 | - | 1 | 1 | 2 | - | - | - | 33 | 17 |
| Michigan..... | 2 | 1 | 1 | 2 | - | - | - | - | 1 | 71 | 62 |
| Wisconsin..... | - | - | - | - | - | - | - | - | - | 3 | 8 |
| WEST NORTH CENTRAL... | - | - | 4 | 1 | 2 | 1 | 3 | - | 2 | 24 | 72 |
| Minnesota..... | - | - | - | - | - | 1 | - | - | 2 | 11 | 4 |
| Iowa..... | - | - | 2 | 1 | - | - | - | - | - | 2 | 30 |
| Missouri..... | - | - | - | - | - | - | - | - | - | 6 | 14 |
| North Dakota..... | - | - | - | - | - | - | - | - | - | 1 | 1 |
| South Oakota..... | - | - | - | - | 1 | - | - | - | - | 1 | 2 |
| Nebraska..... | - | - | 2 | - | - | - | 3 | - | - | - | 2 |
| Kansas..... | - | - | - | - | 1 | - | - | - | - | 3 | 19 |
| SOUTH ATLANTIC..... | 3 | - | 2 | 2 | 5 | 2 | 1 | 1 | 1 | 55 | 89 |
| Delaware..... | 1 | - | - | - | - | - | - | - | - | 1 | 1 |
| Maryland..... | 1 | - | - | - | 1 | 1 | - | - | 1 | 8 | 13 |
| Dist. of Columbia.. | - | - | - | - | - | - | - | - | - | - | 1 |
| Virginia..... | - | - | - | - | 3 | - | - | - | - | 10 | 15 |
| West Virginia..... | - | - | - | - | - | - | - | - | - | 9 | 26 |
| North Carolina..... | 1 | - | - | - | 1 | - | 1 | - | - | 11 | 16 |
| South Carolina..... | - | - | - | - | - | - | - | - | - | 3 | 2 |
| Georgia..... | - | - | 2 | - | - | - | - | 1 | - | 2 | 1 |
| Florida..... | - | - | - | 2 | - | 1 | - | - | - | 11 | 14 |
| EAST SOUTH CENTRAL... | - | 2 | - | - | - | - | - | - | - | 59 | 41 |
| Kentucky..... | - | 2 | - | - | - | - | - | - | - | 18 | 17 |
| Tennessee..... | - | - | - | - | - | - | - | - | - | 26 | 17 |
| Alabama..... | - | - | - | - | - | - | - | - | - | 4 | 1 |
| Mississippi..... | - | - | - | - | - | - | - | - | - | 11 | 6 |
| WEST SOUTH CENTRAL... | 3 | 2 | 1 | - | - | 2 | - | - | 2 | 55 | 83 |
| Arkansas..... | - | - | - | - | - | - | - | - | - | 9 | 11 |
| Louisiana..... | - | 1 | - | - | - | - | - | - | 2 | 5 | 11 |
| Oklahoma..... | - | - | 1 | - | - | - | - | - | - | - | 12 |
| Texas..... | 3 | 1 | - | - | - | 2 | - | - | - | 41 | 49 |
| MOUNTAIN..... | 1 | 2 | - | 1 | - | - | - | - | - | 66 | 32 |
| Montana..... | - | - | - | - | - | - | - | - | - | - | 5 |
| Idaho..... | - | - | - | - | - | - | - | - | - | 1 | 8 |
| Wyoming..... | - | - | - | - | - | - | - | - | - | 2 | 1 |
| Colorado..... | 1 | 2 | - | 1 | - | - | - | - | - | 5 | - |
| New Mexico..... | - | - | - | - | - | - | - | - | - | 21 | 3 |
| Arizona..... | - | - | - | - | - | - | - | - | - | 18 | 10 |
| Utah..... | - | - | - | - | - | - | - | - | - | 19 | 4 |
| Nevada..... | - | - | - | - | - | - | - | - | - | | 1 |
| PACIFIC..... | 7 | 13 | - | 2 | 4 | 3 | - | - | 7 | 160 | 118 |
| Washington..... | 1 | 1 | - | - | - | - | - | - | - | 6 | 15 |
| Oregon..... | - | 1 | - | - | - | - | - | - | - | 21 | 6 |
| California..... | 5 | 10 | - | 2 | 4 | 3 | - | - | 7 | 132 | 92 |
| Alaska..... | - | - | - | - | - | - | - | - | - | 1 | - |
| Hawaii..... | 1 | 1 | - | - | - | - | - | - | - | - | 5 |
| Puerto Rico..... | - | - | - | - | - | - | - | - | - | 10 | 18 |

CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED

JANUARY 29, 1966 AND JANUARY 30, 1965 (4th WEEK) - Continued

| AREA | MEASLES (Rubeola) | | | MENINGOCOCCAL INFECTIONS, TOTAL | | | POLIOMYELITIS | | | | RUBELLA |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Total | | Paralytic | | |
| | 1966 | Cumulative | | 1966 | Cumulative | | 1966 | 1965 | 1966 | Cumulative 1966 | 1966 |
| | | 1966 | 1965 | | 1966 | 1965 | | | | | |
| UNITED STATES... | 5,727 | 20,064 | 26,398 | 74 | 294 | 253 | - | - | - | - | 869 |
| NEW ENGLAND..... | 67 | 270 | 7,109 | 9 | 25 | 17 | - | - | - | - | 117 |
| Maine..... | 4 | 31 | 904 | - | - | 5 | - | - | - | - | 11 |
| New Hampshire..... | - | 4 | 135 | 1 | 7 | 1 | - | - | - | - | 2 |
| Vermont..... | 29 | 109 | 28 | - | 1 | - | - | - | - | - | 31 |
| Massachusetts..... | 14 | 56 | 4,109 | 7 | 11 | 7 | - | - | - | - | 20 |
| Rhode Island..... | 7 | 27 | 831 | - | 2 | 1 | - | - | - | - | 3 |
| Connecticut..... | 13 | 43 | 1,102 | 1 | 4 | 3 | - | - | - | - | 50 |
| MIDDLE ATLANTIC..... | 785 | 3,232 | 965 | 12 | 56 | 36 | - | - | - | - | 42 |
| New York City..... | 389 | 1,549 | 120 | - | 13 | 9 | - | - | - | - | 26 |
| New York, Up-State. | 86 | 396 | 348 | 4 | 10 | 8 | - | - | - | - | 15 |
| New Jersey..... | 44 | 302 | 166 | 5 | 18 | 12 | - | - | - | - | - |
| Pennsylvania..... | 266 | 985 | 331 | 3 | 15 | 7 | - | - | - | - | 1 |
| EAST NORTH CENTRAL... | 2,476 | 8,376 | 4,547 | 9 | 48 | 32 | - | - | - | - | 230 |
| Ohio..... | 101 | 469 | 1,001 | 4 | 19 | 12 | - | - | - | - | - |
| Indiana..... | 76 | 345 | 209 | - | 4 | 4 | - | - | - | - | 15 |
| Illinois..... | 507 | 1,766 | 147 | 1 | 6 | 9 | - | - | - | - | 39 |
| Michigan..... | 550 | 1,305 | 2,304 | 2 | 15 | 4 | - | - | - | - | 44 |
| Wisconsin..... | 1,242 | 4,491 | 886 | 2 | 4 | 3 | - | - | - | - | 132 |
| WEST NORTH CENTRAL... | 253 | 710 | 1,927 | 2 | 13 | 14 | - | - | - | - | 44 |
| Minnesota..... | 114 | 344 | 33 | - | 3 | 3 | - | - | - | - | 8 |
| Iowa..... | 89 | 166 | 1,079 | - | 2 | - | - | - | - | - | 32 |
| Missouri..... | 4 | 34 | 175 | 2 | 5 | 6 | - | - | - | - | - |
| North Dakota..... | 43 | 157 | 542 | - | - | 3 | - | - | - | - | 4 |
| South Dakota..... | - | 1 | 20 | - | 1 | - | - | - | - | - | - |
| Nebraska..... | 3 | 8 | 78 | - | - | - | - | - | - | - | - |
| Kansas..... | NN | NN | NN | - | 2 | 2 | - | - | - | - | - |
| SOUTH ATLANTIC..... | 370 | 1,944 | 3,878 | 14 | 51 | 60 | - | - | - | - | 69 |
| Delaware..... | 9 | 35 | 66 | - | - | 2 | - | - | - | - | 4 |
| Maryland..... | 113 | 311 | 55 | 2 | 6 | 3 | - | - | - | - | 10 |
| Dist. of Columbia.. | 21 | 84 | 3 | - | - | 1 | - | - | - | - | - |
| Virginia..... | 9 | 121 | 585 | 2 | 3 | 8 | - | - | - | - | 5 |
| West Virginia..... | 136 | 983 | 2,818 | 1 | 2 | 6 | - | - | - | - | 29 |
| North Carolina..... | 2 | 32 | 69 | 1 | 9 | 9 | - | - | - | - | - |
| South Carolina..... | 8 | 93 | 38 | 1 | 10 | 5 | - | - | - | - | - |
| Georgia..... | 4 | 28 | 94 | - | 4 | 12 | - | - | - | - | - |
| Florida..... | 68 | 257 | 150 | 7 | 17 | 14 | - | - | - | - | 21 |
| EAST SOUTH CENTRAL... | 833 | 2,425 | 1,371 | 4 | 8 | 15 | - | - | - | - | 109 |
| Kentucky..... | 337 | 830 | 84 | 1 | 3 | 7 | - | - | - | - | 33 |
| Tennessee..... | 465 | 1,522 | 936 | 2 | 4 | 4 | - | - | - | - | 76 |
| Alabama..... | 19 | 30 | 223 | 1 | 1 | 4 | - | - | - | - | - |
| Mississippi..... | 12 | 43 | 128 | - | - | - | - | - | - | - | - |
| WEST SOUTH CENTRAL... | 310 | 1,115 | 2,124 | 3 | 23 | 29 | - | - | - | - | 1 |
| Arkansas..... | 1 | 22 | 25 | 1 | 2 | 2 | - | - | - | - | - |
| Louisiana..... | 4 | 16 | 5 | 1 | 6 | 6 | - | - | - | - | - |
| Oklahoma..... | - | 10 | 21 | - | - | 6 | - | - | - | - | - |
| Texas..... | 305 | 1,067 | 2,073 | 1 | 15 | 15 | - | - | - | - | 1 |
| MOUNTAIN..... | 288 | 832 | 2,306 | 4 | 13 | 3 | - | - | - | - | 64 |
| Montana..... | 95 | 198 | 825 | - | 1 | - | - | - | - | - | 9 |
| Idaho..... | 58 | 200 | 360 | - | - | - | - | - | - | - | 1 |
| Wyoming..... | - | 12 | 56 | - | - | - | - | - | - | - | - |
| Colorado..... | 22 | 61 | 302 | 2 | 10 | 1 | - | - | - | - | 11 |
| New Mexico..... | 1 | 4 | 53 | 1 | 1 | - | - | - | - | - | - |
| Arizona..... | 94 | 327 | 57 | - | - | 2 | - | - | - | - | 37 |
| Utah..... | 18 | 26 | 650 | - | - | - | - | - | - | - | 6 |
| Nevada..... | - | 4 | 3 | 1 | 1 | - | - | - | - | - | - |
| PACIFIC..... | 345 | 1,160 | 2,171 | 17 | 57 | 47 | - | - | - | - | 193 |
| Washington..... | 118 | 346 | 623 | 4 | 5 | - | - | - | - | - | 89 |
| Oregon..... | 29 | 128 | 473 | - | 3 | 2 | - | - | - | - | 30 |
| California..... | 194 | 667 | 808 | 13 | 40 | 44 | - | - | - | - | 73 |
| Alaska..... | 1 | 1 | 25 | - | 7 | 1 | - | - | - | - | - |
| Hawaii..... | 3 | 18 | 242 | - | 2 | - | - | - | - | - | 1 |
| Puerto Rico..... | 79 | 248 | 105 | - | - | - | - | - | - | - | - |

CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED

JANUARY 29, 1966 AND JANUARY 30, 1965 (4th WEEK) - Continued

| AREA | STREPTOCOCCAL SORE THROAT & SCARLET FEVER | TETANUS | | TULAREMIA | | TYPHOID | | TYPHUS FEVER TICK-BORNE (Rky. Mt. Spotted) | | RABIES IN ANIMALS | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1966 | 1966 | Cum. 1966 | 1966 | Cum. 1966 | 1966 | Cum. 1966 | 1966 | Cum. 1966 | 1966 | Cum. 1966 |
| UNITED STATES... | 10,155 | 3 | 6 | 4 | 16 | 9 | 19 | - | 7 | 78 | 278 |
| NEW ENGLAND..... | 1,602 | 1 | 1 | - | - | 1 | 1 | - | - | 1 | 3 |
| Maine..... | 101 | - | - | - | - | - | - | - | - | - | - |
| New Hampshire..... | 27 | - | - | - | - | - | - | - | - | - | - |
| Vermont..... | 61 | - | - | - | - | - | - | - | - | 1 | 3 |
| Massachusetts..... | 375 | 1 | 1 | - | - | - | - | - | - | - | - |
| Rhode Island..... | 76 | - | - | - | - | - | - | - | - | - | - |
| Connecticut..... | 962 | - | - | - | - | 1 | 1 | - | - | - | - |
| MIDDLE ATLANTIC..... | 476 | 1 | 1 | - | - | 2 | 6 | - | 1 | 5 | 24 |
| New York City..... | 26 | 1 | 1 | - | - | 1 | 4 | - | - | - | - |
| New York, Up-State. | 355 | - | - | - | - | - | 1 | - | - | 5 | 23 |
| New Jersey..... | - | - | - | - | - | 1 | 1 | - | - | - | - |
| Pennsylvania..... | 95 | - | - | - | - | - | - | - | 1 | - | 1 |
| EAST NORTH CENTRAL... | 887 | - | - | 1 | 3 | 2 | 5 | - | - | 20 | 35 |
| Ohio..... | 117 | - | - | - | 2 | 1 | 3 | - | - | 17 | 24 |
| Indiana..... | 115 | - | - | 1 | 1 | 1 | 1 | - | - | 1 | 4 |
| Illinois..... | 147 | - | - | - | - | - | - | - | - | - | 2 |
| Michigan..... | 352 | - | - | - | - | - | - | - | - | - | 2 |
| Wisconsin..... | 156 | - | - | - | - | - | 1 | - | - | 2 | 3 |
| WEST NORTH CENTRAL... | 353 | - | - | - | 2 | - | - | - | 1 | 26 | 81 |
| Minnesota..... | 10 | - | - | - | - | - | - | - | - | 1 | 14 |
| Iowa..... | 126 | - | - | - | - | - | - | - | - | 5 | 16 |
| Missouri..... | 38 | - | - | - | - | - | - | - | - | 16 | 36 |
| North Dakota..... | 130 | - | - | - | - | - | - | - | - | - | 3 |
| South Dakota..... | 9 | - | - | - | - | - | - | - | - | 3 | 10 |
| Nebraska..... | 8 | - | - | - | - | - | - | - | - | 1 | 2 |
| Kansas..... | 32 | - | - | - | 2 | - | - | - | 1 | - | - |
| SOUTH ATLANTIC..... | 808 | - | 2 | - | 5 | 3 | 4 | - | 5 | 10 | 31 |
| Delaware..... | 37 | - | - | - | - | - | - | - | - | - | - |
| Maryland..... | 89 | - | - | - | - | - | - | - | - | - | - |
| Dist. of Columbia.. | 2 | - | - | - | - | - | - | - | - | - | - |
| Virginia..... | 219 | - | - | - | 2 | 1 | 1 | - | 1 | 8 | 21 |
| West Virginia..... | 152 | - | - | - | 1 | 1 | 1 | - | - | 2 | 5 |
| North Carolina..... | 18 | - | - | - | 2 | 1 | 1 | - | 3 | - | - |
| South Carolina..... | 33 | - | - | - | - | - | - | - | - | - | - |
| Georgia..... | 4 | - | 2 | - | - | - | - | - | 1 | - | 4 |
| Florida..... | 254 | - | - | - | - | - | 1 | - | - | - | 1 |
| EAST SOUTH CENTRAL... | 1,615 | - | - | 2 | 5 | 1 | 1 | - | - | 4 | 43 |
| Kentucky..... | 209 | - | - | 1 | 2 | - | - | - | - | - | 5 |
| Tennessee..... | 1,180 | - | - | 1 | 3 | 1 | 1 | - | - | 4 | 36 |
| Alabama..... | 78 | - | - | - | - | - | - | - | - | - | 2 |
| Mississippi..... | 148 | - | - | - | - | - | - | - | - | - | - |
| WEST SOUTH CENTRAL... | 943 | - | - | 1 | 1 | - | 1 | - | - | 9 | 47 |
| Arkansas..... | 2 | - | - | - | - | - | - | - | - | - | 3 |
| Louisiana..... | 1 | - | - | - | - | - | - | - | - | 1 | 5 |
| Oklahoma..... | 35 | - | - | - | - | - | 1 | - | - | - | 2 |
| Texas..... | 905 | - | - | 1 | 1 | - | - | - | - | 8 | 37 |
| MOUNTAIN..... | 1,965 | - | - | - | - | - | 1 | - | - | 1 | 4 |
| Montana..... | 42 | - | - | - | - | - | - | - | - | - | 1 |
| Idaho..... | 110 | - | - | - | - | - | - | - | - | - | - |
| Wyoming..... | 42 | - | - | - | - | - | - | - | - | - | - |
| Colorado..... | 752 | - | - | - | - | - | - | - | - | - | - |
| New Mexico..... | 263 | - | - | - | - | - | - | - | - | - | - |
| Arizona..... | 116 | - | - | - | - | - | 1 | - | - | 1 | 3 |
| Utah..... | 639 | - | - | - | - | - | - | - | - | - | - |
| Nevada..... | 1 | - | - | - | - | - | - | - | - | - | - |
| PACIFIC..... | 1,506 | 1 | 2 | - | - | - | - | - | - | 2 | 10 |
| Washington..... | 469 | - | - | - | - | - | - | - | - | - | - |
| Oregon..... | 62 | - | - | - | - | - | - | - | - | - | - |
| California..... | 924 | 1 | 2 | - | - | - | - | - | - | 2 | 10 |
| Alaska..... | 10 | - | - | - | - | - | - | - | - | - | - |
| Hawaii..... | 41 | - | - | - | - | - | - | - | - | - | - |
| Puerto Rico..... | 4 | - | - | - | - | - | - | - | - | - | - |

Week No. 4

## DEATHS IN 122 UNITED STATES CITIES FOR WEEK ENDED JANUARY 29, 1966

(By place of occurrence and week of filing certificate. Excludes fetal deaths)

| Area | All Causes | | Pneumonia and Influenza All Ages | Under 1 year All Causes |
|---|---|---|---|---|
| | All Ages | 65 years and over | | |
| NEW ENGLAND: | 835 | 547 | 34 | 40 |
| Boston, Mass. | 274 | 178 | 8 | 11 |
| Bridgeport, Conn. | 46 | 31 | 4 | 2 |
| Cambridge, Mass. | 36 | 25 | - | 1 |
| Fall River, Mass. | 29 | 19 | 1 | 1 |
| Hartford, Conn. | 48 | 27 | 2 | 3 |
| Lowell, Mass. | 31 | 21 | 2 | 1 |
| Lynn, Mass. | 21 | 17 | 1 | - |
| New Bedford, Mass. | 31 | 23 | - | 1 |
| New Haven, Conn. | 71 | 41 | 1 | 4 |
| Providence, R. I. | 94 | 60 | 2 | 4 |
| Somerville, Mass. | 20 | 15 | 4 | - |
| Springfield, Mass. | 44 | 31 | 4 | 4 |
| Waterbury, Conn. | 28 | 16 | 1 | 6 |
| Worcester, Mass. | 62 | 43 | 4 | 2 |
| MIDDLE ATLANTIC: | 3,497 | 2,029 | 159 | 174 |
| Albany, N. Y. | 55 | 29 | 3 | 3 |
| Allentown, Pa. | 37 | 25 | 2 | 2 |
| Buffalo, N. Y. | 172 | 100 | 8 | 13 |
| Camden, N. J. | 34 | 20 | 1 | 1 |
| Elizabeth, N. J. | 38 | 26 | 3 | 4 |
| Erie, Pa. | 47 | 28 | 4 | 4 |
| Jersey City, N. J. | 64 | 42 | 6 | 3 |
| Newark, N. J. | 106 | 45 | 7 | 20 |
| New York City, N. Y. | 1,756 | 996 | 77 | 75 |
| Paterson, N. J. | 40 | 21 | 3 | 3 |
| Philadelphia, Pa. | 510 | 310 | 9 | 15 |
| Pittsburgh, Pa. | 196 | 104 | 7 | 5 |
| Reading, Pa. | 65 | 41 | 6 | 3 |
| Rochester, N. Y. | 139 | 76 | 8 | 10 |
| Schenectady, N. Y. | 35 | 25 | - | 2 |
| Scranton, Pa. | 33 | 22 | 3 | 2 |
| Syracuse, N. Y. | 59 | 41 | - | 6 |
| Trenton, N. J. | 45 | 30 | 3 | 2 |
| Utica, N. Y.* | 31 | 22 | 5 | 1 |
| Yonkers, N. Y. | 35 | 26 | 4 | - |
| EAST NORTH CENTRAL: | 2,720 | 1,566 | 117 | 139 |
| Akron, Ohio | 69 | 41 | 1 | 7 |
| Canton, Ohio | 38 | 27 | 5 | 3 |
| Chicago, Ill. | 774 | 393 | 35 | 52 |
| Cincinnati, Ohio | 168 | 99 | 7 | 7 |
| Cleveland, Ohio | 243 | 148 | 4 | 7 |
| Columbus, Ohio | 142 | 85 | 4 | 4 |
| Dayton, Ohio | 79 | 49 | 14 | 2 |
| Detroit, Mich. | 390 | 236 | 15 | 15 |
| Evansville, Ind. | 40 | 31 | 1 | - |
| Flint, Mich. | 51 | 22 | 1 | 2 |
| Fort Wayne, Ind. | 44 | 27 | 4 | 2 |
| Gary, Ind. | 47 | 27 | 7 | 7 |
| Grand Rapids, Mich. | 35 | 24 | 1 | 2 |
| Indianapolis, Ind. | 157 | 97 | 2 | 7 |
| Madison, Wis. | 29 | 10 | - | 1 |
| Milwaukee, Wis. | 141 | 81 | 3 | 8 |
| Peoria, Ill. | 42 | 22 | 3 | 1 |
| Rockford, Ill. | 34 | 19 | - | 7 |
| South Bend, Ind. | 36 | 22 | 2 | 1 |
| Toledo, Ohio | 110 | 72 | 7 | 4 |
| Youngstown, Ohio | 51 | 34 | 1 | - |
| WEST NORTH CENTRAL: | 875 | 552 | 29 | 40 |
| Des Moines, Iowa | 65 | 43 | 2 | 3 |
| Duluth, Minn. | 38 | 27 | - | 1 |
| Kansas City, Kans. | 46 | 25 | 1 | 6 |
| Kansas City, Mo. | 130 | 81 | 3 | 6 |
| Lincoln, Nebr. | 42 | 29 | 4 | 1 |
| Minneapolis, Minn. | 120 | 75 | 1 | 6 |
| Omaha, Nebr. | 54 | 39 | 1 | 1 |
| St. Louis, Mo. | 244 | 151 | 9 | 9 |
| St. Paul, Minn. | 75 | 42 | 1 | 3 |
| Wichita, Kans. | 61 | 40 | 7 | 4 |
| SOUTH ATLANTIC: | 1,260 | 684 | 54 | 75 |
| Atlanta, Ga. | 128 | 53 | 4 | 13 |
| Baltimore, Md. | 271 | 143 | 7 | 12 |
| Charlotte, N. C. | 33 | 12 | 2 | 1 |
| Jacksonville, Fla* | 77 | 37 | 2 | 5 |
| Miami, Fla. | 94 | 53 | 1 | 3 |
| Norfolk, Va. | 56 | 27 | 4 | 5 |
| Richmond, Va. | 93 | 50 | 1 | 8 |
| Savannah, Ga. | 41 | 14 | 8 | 6 |
| St. Petersburg, Fla. | 111 | 95 | 7 | - |
| Tampa, Fla. | 98 | 61 | 9 | 2 |
| Washington, D. C. | 209 | 112 | 7 | 17 |
| Wilmington, Del* | 49 | 27 | 2 | 3 |
| EAST SOUTH CENTRAL: | 663 | 361 | 36 | 38 |
| Birmingham, Ala. | 90 | 42 | 2 | 4 |
| Chattanooga, Tenn. | 38 | 27 | 1 | 1 |
| Knoxville, Tenn. | 54 | 33 | - | - |
| Louisville, Ky. | 143 | 82 | 15 | 3 |
| Memphis, Tenn. | 152 | 84 | 4 | 16 |
| Mobile, Ala. | 56 | 27 | 3 | 5 |
| Montgomery, Ala. | 57 | 34 | 5 | 5 |
| Nashville, Tenn. | 73 | 32 | 6 | 4 |
| WEST SOUTH CENTRAL: | 1,207 | 617 | 51 | 82 |
| Austin, Tex. | 50 | 22 | 6 | 4 |
| Baton Rouge, La. | 44 | 25 | 4 | 5 |
| Corpus Christi, Tex. | 26 | 14 | 1 | 2 |
| Dallas, Tex. | 155 | 79 | 5 | 11 |
| El Paso, Tex.* | 40 | 19 | 3 | 5 |
| Fort Worth, Tex. | 91 | 40 | 2 | 10 |
| Houston, Tex. | 202 | 91 | 5 | 8 |
| Little Rock, Ark. | 69 | 42 | 5 | 2 |
| New Orleans, La. | 190 | 100 | 1 | 13 |
| Oklahoma City, Okla. | 91 | 43 | 4 | 5 |
| San Antonio, Tex. | 134 | 72 | 8 | 12 |
| Shreveport, La. | 52 | 34 | 3 | 2 |
| Tulsa, Okla* | 63 | 36 | 4 | 3 |
| MOUNTAIN: | 427 | 241 | 22 | 31 |
| Albuquerque, N. Mex. | 50 | 27 | 3 | 6 |
| Colorado Springs, Colo. | 26 | 15 | 1 | 3 |
| Denver, Colo. | 110 | 62 | 6 | 7 |
| Ogden, Utah | 17 | 11 | - | 1 |
| Phoenix, Ariz. | 122 | 71 | 8 | 8 |
| Pueblo, Colo. | 20 | 14 | - | - |
| Salt Lake City, Utah | 37 | 18 | - | 3 |
| Tucson, Ariz. | 45 | 23 | 4 | 3 |
| PACIFIC: | 1,729 | 1,076 | 50 | 70 |
| Berkeley, Calif. | 16 | 8 | - | - |
| Fresno, Calif. | 58 | 33 | - | 2 |
| Glendale, Calif. | 33 | 25 | - | - |
| Honolulu, Hawaii | 54 | 26 | - | - |
| Long Beach, Calif. | 74 | 53 | - | 1 |
| Los Angeles, Calif. | 515 | 325 | 23 | 24 |
| Oakland, Calif. | 114 | 70 | 5 | 6 |
| Pasadena, Calif. | 52 | 40 | 1 | 2 |
| Portland, Oreg. | 138 | 92 | 4 | - |
| Sacramento, Calif. | 79 | 38 | 1 | 8 |
| San Diego, Calif.* | 105 | 62 | 3 | 6 |
| San Francisco, Calif. | 206 | 120 | 2 | 7 |
| San Jose, Calif. | 48 | 28 | 4 | 4 |
| Seattle, Wash. | 156 | 98 | 6 | 9 |
| Spokane, Wash. | 51 | 39 | 1 | - |
| Tacoma, Wash. | 30 | 19 | - | 1 |
| Total | 13,213 | 7,673 | 552 | 689 |

*Estimate - based on average percent of divisional total.

Cumulative Totals
including reported corrections for previous weeks

| | |
|---|---|
| All Causes, All Ages | 53,779 |
| All Causes, Age 65 and over | 31,064 |
| Pneumonia and Influenza, All Ages | 2,500 |
| All Causes, Under 1 Year of Age | 2,803 |

Table 4

New Tuberculosis Cases Reported During Recent Years

| Country and Year | Number of New Cases | Case Rate Per 100,000 Population |
|---|---|---|
| United States (1964) | 50,874 | 26.6 |
| Puerto Rico (1964) | 1,685 | 65.4 |
| Australia (1964) | 3,446 | 30.9 |
| Belgium (1964) | 3,997 | 42.4 |
| Canada (1963) | 5,705 | 30.2 |
| Ceylon (1964) | 7,774 | 70.9 |
| Czechoslovakia (1964) | 11,376 | 80.9 |
| Denmark (Respiratory) (1964)* | 720 | 15.3 |
| Ecuador (1964) | 5,862 | 120.1 |
| Eire (1963) | 2,502 | 88.1 |
| England and Wales (1963)(a) | 19,902 | 42.3 |
| Finland (1964) | 7,107 | 155.2 |
| France (1962)(b) | 31,022 | 66.7 |
| German Federal Republic (1964)* | 54,555 | 93.6 |
| Hong Kong (1964) | 12,557 | 340.1 |
| Hungary (1963) | 22,658 | 224.2 |
| Iceland (1962) | 79 | 43.4 |
| Iraq (1964) | 5,460 | 76.3 |
| Israel, total cases (1963)(c) | 682 | 28.1 |
| Jewish population | 555 | 25.7 |
| Japan (1964)* | 355,500 | 365.8 |
| Luxembourg (1964) | 189 | 57.3 |
| Malta (1964) | 73 | 22.6 |
| Mexico (1964) | 16,190 | 40.8 |
| Netherlands, The (1963)*(d) | 4,650 | 38.9 |
| New Zealand (1964)*, | | |
| Europeans | 653 | 27.1 |
| Maoris | 395 | 210.1 |
| Northern Ireland (1964) | 553 | 37.9 |
| Norway (1963) | 884 | 24.1 |
| Peru (Reporting areas) (1963) | 21,460 | 445.7 |
| Poland (Pulmonary) (1963) | 76,124 | 248.0 |
| Portugal (1964)* | 11,694 | 129.3 |
| Scotland (1964) | 2,831 | 54.4 |
| Singapore, State (1963) | 4,654 | 262.2 |
| South Africa, Republic (1964) Whites | 1,163 | 34.9 |
| Coloureds | 7,802 | 458.1 |
| Asiatics | 1,083 | 208.4 |
| Bantu | 56,653 | 475.5 |
| Spain (1964) | 21,116 | 67.4 |
| Sweden (1964) | 3,135 | 40.9 |
| Switzerland (1963)(e) | 4,320 | 74.9 |

*Provisional, (a) Formal notifications = 18,937, Deaths of TB persons not notified before death = 965.
(b)New cases registered by TB dispensaries.
(c)Including Jewish population, (d)New cases and relapses of active tuberculosis, (e)New cases registered by dispensaries of "Association Suisse contre la Tuberculose."

Source: *Public Health authorities of respective countries.*

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THE EDITOR
MORBIDITY AND MORTALITY WEEKLY REPORT
COMMUNICABLE DISEASE CENTER
ATLANTA, GEORGIA 30333

NOTE: THE DATA IN THIS REPORT ARE PROVISIONAL AND ARE BASED ON WEEKLY TELEGRAMS TO THE CDC BY THE INDIVIDUAL STATE HEALTH DEPARTMENTS. THE REPORTING WEEK CONCLUDES ON SATURDAY; COMPILED DATA ON A NATIONAL BASIS ARE RELEASED ON THE SUCCEEDING FRIDAY.

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